

PARADOX

T H E H I G H -

P E R F O R M A N C E

D A T A B A S E

F O R O S / 2

Paradox OS/2 is a powerful, easy-to-use database designed to take full advantage of the new OS/2™ capabilities. It provides a complete solution to your data management needs by utilizing the OS/2 protected mode, extended memory, and the OS/2 multitasking capabilities.

Paradox' maturity and innovation have been recognized in numerous awards: Software Digest's most highly-rated database management system, highest Overall Evaluation rating in Software Digest's first annual comparative test report of multiuser database programs, PC Magazine's Editor's Choice award, and InfoWorld's Product of the Year award in the database systems category.

Query-by-Example (QBE)

Paradox' QBE interface is just one illustration of the technological leadership offered by Paradox for the past two years. Today, Paradox gives you the most refined implementation of QBE, making it one of the first in the microcomputer industry. In Paradox, you simply call up a form and check off the information you want. An artificial intelligence technique called "heuristic query optimization" gives Paradox' QBE the ability to figure out not just the right answer, but also the fastest way to get it. QBE also makes high-speed links between one piece of data and another and quickly sees the relationships your questions call for.

Making use of the missing link

OS/2—the key that lets users unlock the untapped power of their personal computers by taking advantage of the power of protected mode processing. Paradox has been designed to take advantage of all available memory resources under OS/2. It can break the DOS 640K barrier and take advantage of up to 16Mb of memory.

What will Paradox OS/2 do for you?

Paradox OS/2 breaks the DOS "640K barrier" by taking full advantage of protected mode extended memory. This means you can run larger, more memory-intensive applications and work with large amounts of data more efficiently.

It also minimizes time-consuming transfers of data between disk and memory, resulting in dramatic performance improvements.

True Multitasking

Paradox OS/2 takes full advantage of the OS/2 multitasking capabilities: have Paradox print a lengthy report or do a query on a large table while you prepare a presentation in Quattro.®

The Paradox Application Language™

PAL™ provides you with a complete application development environment. You can create both single and multi-user applications. And applications written in Paradox 2.0 and Paradox 386 will run unchanged on Paradox OS/2.

Data entry toolkit

Tools provided with the program help application developers build sophisticated data entry systems with a minimum of effort.

Total compatibility

Paradox OS/2 delivers all of these benefits while retaining the ease of use and the user interface Paradox is famous for.

All existing Paradox tables, forms and reports can be used unchanged in Paradox OS/2.

There is no need to rewrite any existing Paradox 2.0 applications, or to learn any new commands or menu selections. In fact, the only difference is that many applications will run significantly faster!

Power features

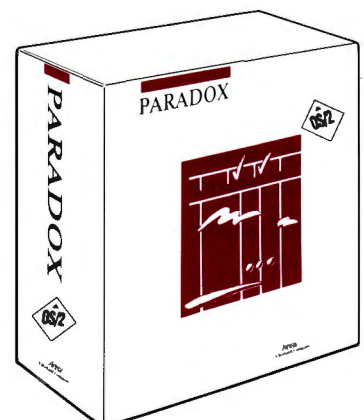
Run concurrent sessions of Paradox OS/2 while making use of the uniquely powerful multiuser capabilities of Paradox.

Realtime multiuser updates

See changes others make to a file instantaneously.

You already know how to use it!

For all its power and new capabilities, Paradox OS/2 is easy to use. Menu-driven commands, a Quick Guide for spreadsheet users, and online help get you up and running in a hurry.



TECHNICAL SPECIFICATIONS

SYSTEM REQUIREMENTS

Hardware

- ▶ IBM AT, PS/2 model 50, 60, 80
- ▶ All 100% compatible 286- and 386-based computers

System Requirements

- ▶ OS/2 Standard Edition version 1.0 or higher
- ▶ 3Mb of RAM
- ▶ One hard disk and at least one high-density floppy drive
- ▶ Compatible monochrome, color, EGA or VGA monitor and adapter

System Characteristics

- ▶ Number of tables in use concurrently—limited only by hardware capacity
- ▶ Records per table—up to 2 billion
- ▶ Columns per record—255
- ▶ Characters per field—255
- ▶ Bytes per record—4000
- ▶ Number of tables per query—unlimited
- ▶ Data types—alphanumeric, numeric (U.S. or international), date, and currency
- ▶ Date formats supported—choice of three standard on-screen formats; eleven formats in reports
- ▶ Validity checking—minimum, maximum, default, table lookup, picture and required field

FEATURES

QUERIES

- ▶ Query by example—intuitive access to data without programming
- ▶ Selection criteria—ranges, pattern matching, logical AND, logical OR, negation, and inexact matching through the LIKE operator
- ▶ Unlimited number of tables per query

- ▶ Number of selection criteria that may be applied in a single query—unlimited
- ▶ Relational operations: projection, join, union, intersection, difference, cross-product, addition, deletion, and update
- ▶ Built-in calculations: sum, count, minimum, maximum, average, arbitrary column calculations, evaluation of expressions

REPORTS

- ▶ Design from menus
- ▶ Tabular, free-form, or mailing label
- ▶ Word-wrap
- ▶ 15 reports per table
- ▶ 16 sort or grouping levels per report
- ▶ Calculated and summary fields
- ▶ Calculations on summary fields

FORMS

- ▶ User-designed by interactively “painting” on the screen or automatically created by Paradox
- ▶ Up to 15 forms per table; up to 15 pages per form

RECORDS

- ▶ Up to 2 billion records
- ▶ Up to 4,000 characters per record
- ▶ Up to 255 columns

PAL* (PARADOX APPLICATION LANGUAGE)

- ▶ High-level programming language for sophisticated single and multiuser application development
- ▶ Supports developer's choice of editor or Paradox's program editor with interactive debugger
- ▶ Recursion, procedures, arrays, and unlimited variables supported

IMPORT/EXPORT

- ▶ Lotus 1-2-3 (1A and 2.0)
- ▶ Lotus Symphony (1.0 and 1.1)
- ▶ dBASE II, III and III Plus
- ▶ pfs: Professional File (IBM Filing Assistant)
- ▶ VisiCalc (DIF)
- ▶ ASCII (delimited and text)

OTHER ADVANCED FEATURES:

- ▶ Multiple levels of password protection at field, table, and user levels
- ▶ Full protection and encryption support on multiple levels
- ▶ Indexing—supports both primary and secondary indexes; all indexes are automatically maintained

SUGGESTED RETAIL PRICE: \$725

Note: system requirements and specifications subject to change without notice.

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